Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A device for contacting at least two chemical species, comprising:

at least two substrates stacked atop each other, wherein at least one of the substrates ~~containing~~ contains at least one fenestration ~~fenestrations~~ larger than 1 micrometer in dimensions;

at least one array of immobilized molecules of at least one first chemical species created on at least one surface of at least one of the substrates, wherein molecules of each immobilized first chemical species are located in distinct and known regions of the surface of the substrate; and

~~the substrates are stacked together wherein~~ the array bearing regions of the different substrates are not in contact with each other; and

wherein the device is capable of receiving a solution containing molecules of at least one second chemical species that ~~comes~~ come in contact with the immobilized molecules of at least one of the first chemical species.

Claim 2 (canceled):

Claim 3 (original): The device of claim 1, wherein at least one of the substrates contains more than 1, but less than 100 fenestrations.

Claim 4 (original): The device of claim 1, wherein at least one of the substrates contains 100 or more fenestrations.

Claim 5 (withdrawn):

Claim 6 (withdrawn):

Claim 7 (withdrawn):

Claim 8 (withdrawn):

Claim 9 (currently amended): The device of claim 1, wherein the immobilized first chemical species ~~consists~~ comprises molecules of DNA, RNA or ~~proteins~~ protein or a surface modification.

Claim 10 (currently amended): The device of claim 1, wherein at least one of the substrates is less than 0.5 mm thick in the part that bears the array of molecules of the first chemical species.

Claim 11 (canceled):

Claim 12 (canceled):

Claim 13 (original): The device of claim 1, wherein at least one of the first chemical species present on one of the substrates is not present on any other substrate.

Claim 14 (withdrawn):

Claim 15 (withdrawn):

Claim 16 (canceled):

Claim 17 (currently amended): The device of claim 1, wherein at least one of the substrates ~~has~~ is less than 100 micron thick in the part that bears the array of molecules of the first chemical species.

Claim 18 (currently amended): The device of claim 1, wherein at least one of the substrates is made of glass.

Claim 19 (withdrawn):

Claim 20 (withdrawn):

Claim 21 (currently amended): The device of claim 1, wherein the substrates comprising the device ~~is capable of separation~~ are capable of being separated into individual substrates after contacting at least two chemical species, and of being examined individually for the presence of contact between the first and the second chemical species.

Claim 22 (canceled):

Claim 23 (original): The device of claim 1, wherein at least one of the first chemical species present on one of the substrates is present on every other substrate.

Claim 24 (currently amended): The device of claim 1 wherein the second chemical species ~~consists~~ comprises molecules of DNA, RNA or protein ~~molecules~~.

Claim 25 (new): A device for contacting at least two chemical species, comprising:

at least three substrates stacked atop each other, wherein at least one of the substrates contains at least one fenestration larger than 1 micrometer in dimensions;

at least one array of immobilized molecules of at least one first chemical species created on at least one surface of at least one of the substrates, wherein molecules of each immobilized first chemical species are located in distinct and known regions of the surface of the substrate; and

the array bearing regions of the different substrates are not in contact with each other; and

wherein the device is capable of receiving a solution containing molecules of at least one second chemical species that come in contact with the immobilized molecules of at least one of the first chemical species.